in the Application of the Applic
Entry completed form to: Sile information Unit Cristal Flaza Three, Floor 1801 2021 South Clark Flace Artington, VA Telephone: (703) 308-2783 File Information Unit File Informat
i hereby request 200ess under 37 OFR 1.44(s)(1)(iv) to the 200103156 file 1900.44 of the 200104 file in the application, which is identified in, or to which a benefit is cisimed, in the following document (se shown in the application, which is identified in, or to which a benefit is cisimed, in the following document (se shown in the application, which is identified in, or to which a benefit is cisimed, in the following document (se shown in the application, which is identified in, or to which a benefit is cisimed, in the following document (se shown in the application, which is identified in, or to which a benefit is cisimed, in the following document (se shown in the application).
United States Patent Application Publication No, page,iins United States Patent Number6; 546, 39,4clumn, line,cr
WIPO Pub. No, sage line
Related Information about Access to Pending Applications (37 CFR 1.14): Direct access to pending applications is not available to the public but coopies may be available and may be purchased from the Office of Public Records upon payment of the appropriate fee (37 CFR 1.19(b)), as follows: purchased from the Office of Public Records upon payment of the public may obtain a copy of: For published applications that are still cending, a member of the public may obtain a copy of: the file contents; the pending application as originally filed; or any document in the file of the pending application. For unpublished applications that are still pending: (1) If the benefit of the pending application is claimed under 35 U.S.C. 118(e), 120, 121, or 365 in another application that has: (a) issued as a U.S. patent, or (b) published as a statutory invention registration, a U.S. patent application publication, or an international patent application publication in accordance with PCT Article 21(2), a member of the public may obtain a copy of: the pending application as originally filed; or any document in the file of the pending application. (2) If the application is incorporated by reference or otherwise identified in a U.S. patent, a statutory invention registration, a U.S. patent application publication in international patent application publication in accordance with PCT Article 21(2), a member of the public may obtain a copy of: the canding application as originally filed; or
Chery Mars Jun 0 3 2004 Signature Chery Mars Jun 0 3 2004 Typed or printed harms File Information Unit Approved by: Approved by:
Registration Number, if applicable (103) 4/5 - 0393 Telephone Number
on the control of the section of OFR 1.14. The information is required to obtain a peneltry the public which is to file (and by the Car.)

This collection of information is required by 37 GFR 1.14. This information is required to dotain privation is panelly by the public which is to he just day use Correction of Information is required to dotain in retain is estimated to take 12 minutes to complete including to proceed an explication. Confidentially is governed by 38 U.S.C. 122 and 37 GFR 1.14. This collection is estimated to take 12 minutes to complete the policy of the USPTO. Time will vary depending upon the individual case. Any comments of the graph of the state of the confident of the process of the confident of the confident

If you need assistance in completing the form, call 1-800-PTO-9199 and talest apiton 1



(12) United States Patent Reed et al.

(10) Patent No.: US 6,546,399 B1

(45) Date of Patent: *Apr. 8, 2003

(54) MULTIMEDIA SEARCH SYSTEM

(75) Inventors: Michael Reed, Chicago, IL (US); Carol Greenhalgh, Austin, TX (US); Ron

Carlton, San Marcos, CA (US); Dale Good, Evanston, IL (US); Carl Holzman, Chicago, IL (US); Harold Kester, Cardiff, CA (US); Edwardo Munevar, San Dicgo, CA (US); Greg Bestick, San Mateo, CA (US); Norman J. Bastin, Chicago, IL (US); Stanley D. Frank, Chicago, IL (US); Neil Holman, Buffalo Grove, IL (US); Ann Jensen, Austin, TX (US); Gail B.

Maatman, Hollidaysburg, PA (US);

Derryl Rogers, Carlsbad, CA (US)

(73) Assignee: Encyclopaedia Britannica, Inc., Chicago, IL (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: 08/202,985

(22) Filed: Feb. 28, 1994

(Under 37 CFR 1.47)

Related U.S. Application Data

(63) Continuation of application No. 08/113,955, filed on Aug. 13, 1993, now abandoned, which is a continuation of application No. 07/426,917, filed on Oct. 26, 1989, now Pat. No. 5,241,671.

(51)	Int. Cl.'	Guor 17/30
(52)	U.S. Cl	707/104.1
(58)	Field of Search	

(56) References Cited

U.S. PATENT DOCUMENTS

RE30,666	E		7/1981	Mitchell et al 434/307
4,752,908	Α		6/1988	Bouillot 364/900
4,754,326	Α	*	6/1988	Kram et al 379/93.25

(List continued on next page.)

OTHER PUBLICATIONS

Kishimoto, J.; A Browsing Methods For Image Database On The Microfilm Library Devices, TENCOM '89-IEEE Reg. 10 Conf. on Computer and Communication . . . (Aug. 1989) pp. 974-977.

Glushko, R.J., "Hypertext Engineering":Practical Methods For Creating A Compact Disc Encyclopedia; ACM Conf. on Document Processing Systems (Dec. 1988) pp. 11–19. Klingler, J.W., et al, "Using Hypermedia To Teach Cardiovascular Imaging: A Prototype System Based On Hypercard", Conf. Proceedings—Computers In Cardiology1988 (IEEE, NIH, Wash. DC, Sep. 25–28, 1988) published by IEEE Computer Society Press (Wash. DC, Aug. 17, 1989),

(List continued on next page.)

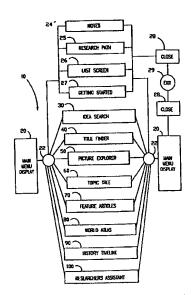
Primary Examiner—Wayne Amsbury (74) Attorney, Agent, or Firm—Dickstein Shapiro Morin & Oshinsky LLP

(57) ABSTRACT

pp. 457-460.

A database search system that retrieves multimedia information in a flexible, user friendly system. The search system uses a multimedia database consisting of text, picture, audio and animated data. That database is searched through multiple graphical and textual entry paths. Those entry paths include an idea search, a title finder search, a topic tree search, a picture explorer search, a history timeline search, a world atlas search, a researcher's assistant search, and a feature articles search.

75 Claims, 20 Drawing Sheets



CO/E 18/20